| L2 | 198 | ("1535985" \| "2347665" \| "2712593" \| "2855523" \| "3308709" \| "3386787" \| "3535016" \| "3617109" \| "3729626" \| "3740119" \| "3752974" \| "3799647" \| "3832028" \| "3840695" \| "3864019" \| "3871747" \| "3980392" \| "4043636" \| "4052120" \| "4059916" \| "4111538" \| "4114592" \| "4126383" \| "4161015" \| "4171874" \| "4176908" \| "4190315" \| "4212048" \| "4240692" \| "4257084" \| "4277817" \| "4323951" \| "4373282" \| "4420796" \| "4453200" \| "4528617" \| "4547043" \| "4573766" \| "4618216" \| "4627690" \| "4648690" \| "4649462" \| "4660936" \| "4683359" \| "4691982" \| "4706173" \| "4714983" \| "4721366" \| "4726662" \| "4729068" \| "4735495" \| "4737896" \| "4747223" \| "4756604" \| "4765718" \| "4798448" \| "4799050" \| "4799137" \| "4813765" \| "4832458" \| "4838661" \| "4842378" \| "4850665" \| "4907044" \| "4907132" \| "4914533" \| "4915479" \| "4917465" \| "4930867" \| "4936659" \| "4950059" \| "4958911" \| "4958915" \| "4965876" \| "4974122" \| "4974353" \| "4975808" \| "4976536" \| "4978183" \| "4984872" \| "4985809" \| "4989933" \| "4991918" \| "4992916" \| "4998188" \| "5019808" \| "5029045" \| "5037172" \| "5039207" \| "5040098" \| "5040878" \| "5044734" \| "5046805" \| "5046829" \| "5050946" \| "5051551" \| "5053765" \| "5078476" \| "5083120" \| "5101325" \| "5101454" \| "5117472" \| "5123077" \| "5126882" \| "5128783" \| "5128787" \| "5128846" \| "5132830" \| "5134548" \| "5146354" \| "5159478" \| "5170448" \| "5202938" \| "5202950" \| "5208882" \| "5233679" \| "5237641" \| "5253089" \| "5253151" \| "5255029" \| "5262880" \| "5268985" \| "5272601" \| "5291184" \| "5295048").PN. OR ("5303322" \| "5309544" \| "5333073" \| "5339178" \| "5339179" \| "5339382" \| "5343542" \| "5357405" \| "5359691" \| "5363294" \| "5390276" \| "5394308" \| "B14660936").PN. OR ("5594830") URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2007/02/16 11:02 |

# EAST Search History

| | | | | | | |
|---|---|---|---|---|---|---|
| L3 | 2 | ("4277817" \| "5528720").PN. OR ("6867828").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2007/02/16 11:38 |
| L4 | 4 | ("4277817" \| "5528720").PN. OR ("6667782").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2007/02/16 11:39 |

| L5 | 76 | (US-20040105046-$ or US-20060146573-$ or US-20060251377-$ or US-20060245718-$ or US-20050242693-$ or US-20040207995-$ or US-20040207775-$ or US-20060262568-$ or US-20050248961-$ or US-20050232572-$ or US-20050213001-$ or US-20020097358-$ or US-20020061178-$ or US-20050068473-$ or US-20040062028-$ or US-20030058386-$ or US-20040240232-$ or US-20050213348-$ or US-20040246698-$ or US-20040022050-$ or US-20030137821-$).did. or (US-6867828-$ or US-6761459-$ or US-6667782-$ or US-5598280-$ or US-6285423-$ or US-4516837-$ or US-6239851-$ or US-5914760-$ or US-5303322-$ or US-5237641-$ or US-7102705-$ or US-7019801-$ or US-6963380-$ or US-6811274-$ or US-6704077-$ or US-6671452-$ or US-7073933-$ or US-6993242-$ or US-RE38305-$ or US-6611303-$ or US-6464367-$ or US-6335999-$ or US-RE37377-$ or US-6147725-$ or US-6044196-$ or US-5594830-$).did. or (US-5587816-$ or US-6172809-$ or US-6002829-$ or US-6290364-$ or US-6908203-$ or US-5528720-$ or US-5341231-$ or US-7114820-$ or US-7086773-$ or US-7004610-$ or US-6570710-$ or US-6425675-$ or US-6356389-$ or US-6234639-$ or US-6231200-$ or US-6079841-$ or US-6474827-$ or US-6305811-$ or US-5659410-$ or US-5627926-$ or US-5521725-$ or US-6256447-$ or US-6048071-$ or US-5222795-$ or US-5838403-$ or US-5650865-$ or US-4737896-$).did. or (US-4798448-$ or US-4277817-$).did. | US-PGPUB; USPAT | AND | ON | 2007/02/16 15:45 |
| L6 | 1 | "6951401" | US-PGPUB; USPAT | AND | ON | 2007/02/16 15:45 |

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|---|---|---|---|---|---|---|
| S1 | 12808 | ((light or wave) adj guide) (light or led or (light near2 diode)) (refract$4 near index) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/12/18 16:33 |
| S2 | 4399 | ((light or wave) adj guide) (light or led or (light near2 diode)) (refract$4 near index) reflect | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/12/18 16:33 |
| S3 | 2011 | ((light or wave) adj guide) (light or led or (light near2 diode)) (refract$4 near index) reflect scatter$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/12/18 16:33 |
| S4 | 179 | ((light or wave) adj guide) (light or led or (light near2 diode)) (refract$4 near index) reflect scatter$4 (cylindrical adj lens) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/12/18 16:36 |
| S5 | 72 | ((light or wave) adj guide) (light or led or (light near2 diode)) (refract$4 near index) reflect scatter$4 (n1 with n2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/12/18 16:44 |
| S6 | 159 | ((light or wave) adj guide) (light or led or (light near2 diode)) (refract$4 near index) reflect scatter$4 ("n.sub.1" with "n.sub.2") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/02/16 09:54 |
| S7 | 225 | S5 or S6 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/12/18 16:49 |

| S8 | 2 | wo-2004055429-$.did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/12/18 16:48 |
|---|---|---|---|---|---|---|
| S9 | 6 | ("6241358" \| "6290364").PN. OR ("6464367").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2006/12/18 17:04 |
| S10 | 53 | 362/629.ccls. | US-PGPUB; USPAT; USOCR | AND | ON | 2006/12/18 17:04 |
| S11 | 2581 | 362/600-634.ccls. | US-PGPUB; USPAT; USOCR | AND | ON | 2006/12/18 17:04 |
| S12 | 114 | 362/600-634.ccls. ((n1 or "n.sub.1") with (n2 or "n.sub.2")) | US-PGPUB; USPAT; USOCR | AND | ON | 2006/12/18 17:05 |
| S13 | 107 | ("2347665" \| "2712593" \| "3617109" \| "3752974" \| "3832028" \| "3980392" \| "4059916" \| "4111538" \| "4114592" \| "4161015" \| "4212048" \| "4240692" \| "4257084" \| "4373282" \| "4420796" \| "4453200" \| "4528617" \| "4547043" \| "4573766" \| "4618216" \| "4649462" \| "4706173" \| "4735495" \| "4737896" \| "4747223" \| "4765718" \| "4799137" \| "4832458" \| "4907044" \| "4907132" \| "4914553" \| "4915479" \| "4936529" \| "4950059" \| "4974122" \| "4974353" \| "4998188" \| "5019808" \| "5044734" \| "5046805" \| "5046829" \| "5050946" \| "5101325").PN. OR ("5237641"). URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2006/12/19 08:53 |
| S14 | 50 | ((light or wave) adj guide) (light or led or (light near2 diode)) (refract$4 near index) reflect scatter$4 ((n1 or "n.sub.1") with (n2 or "n.sub.2")) integral | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/12/19 09:39 |

# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|------------------|---------|------------|
| L1 | 237 | ((light or wave) adj guide) (light or led or (light near2 diode)) (refract$4 near index) reflect scatter$4 ((n1 with n2) or ("n.sub. 1" with "n.sub.2")) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/02/16 11:27 |